

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E10991

Employer : WA State Consolidated
Technology Services

Worksite :

Street : 1500 Jefferson St Se

Jurisdiction : City of Olympia

Survey Date : 6/28/2017

Survey Type : Online

Response Rate : 67%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 71.0%
One-Way VMT per employee : 13.2

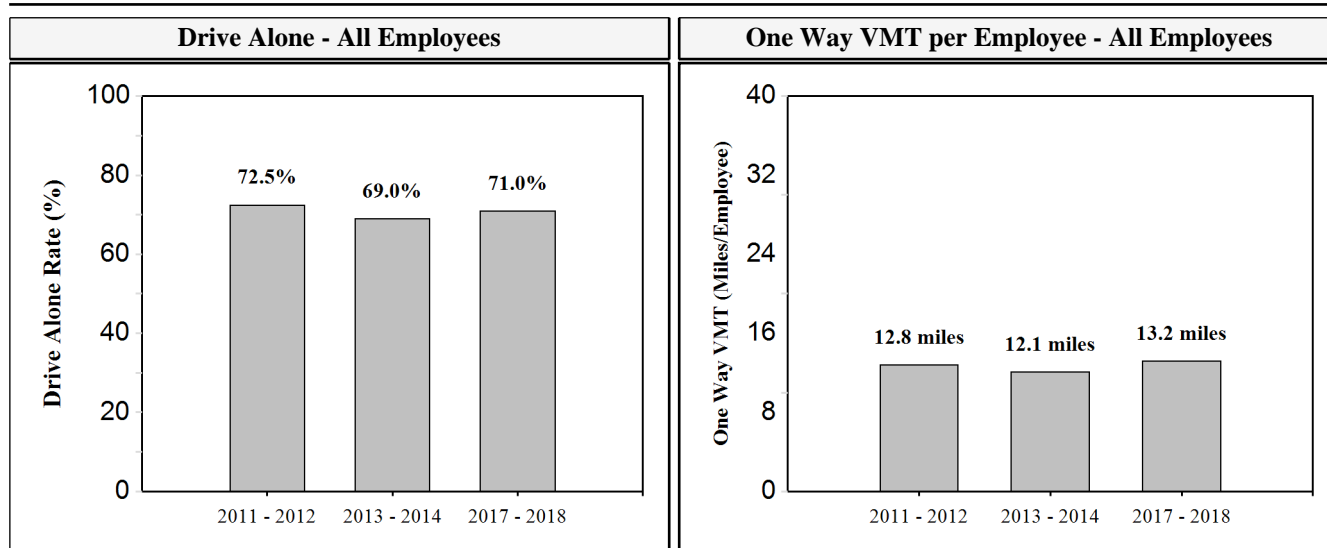
Reported Total Employees at Worksite: 504

Surveys Distributed : 504

Surveys Returned : 340

Surveys Returned by CTR Affected Employees : 326

Total Estimated CTR - Affected Employees at Worksite : 483



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A
2011 - 2012	72.5%	72.8%	12.8	13.0
2013 - 2014	69.0%	68.6%	12.1	12.2
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	71.0%	70.2%	13.2	13.0
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-2.1%	-3.6%	3.1%	0.0%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2011 - 2012	2013 - 2014	2017 - 2018	2017 - 2018 Without Fill In
Drive Alone - All Employees*	72.5%	69.0%	71.0%	69.8%
Drive Alone - CTR Affected Employees*	72.8%	68.6%	70.2%	69.0%
VMT/Employee - All Employees	12.8	12.1	13.2	13.0
VMT/Employees - CTR Affected Employees	13.0	12.2	13.0	12.8

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2011 - 2012	2013 - 2014	2017 - 2018
Emissions for Surveyed Employees	444	428	944
Estimated Emissions for Total Employment	572	550	1,400

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2011 - 2012	2013 - 2014	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	192,988	155,981	236,584
Bus Annual Passenger Miles - Surveyed Employees	150,000	121,400	159,600
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	8,894
Ferry Annual Passenger Miles - Surveyed Employees	0	0	6,000
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

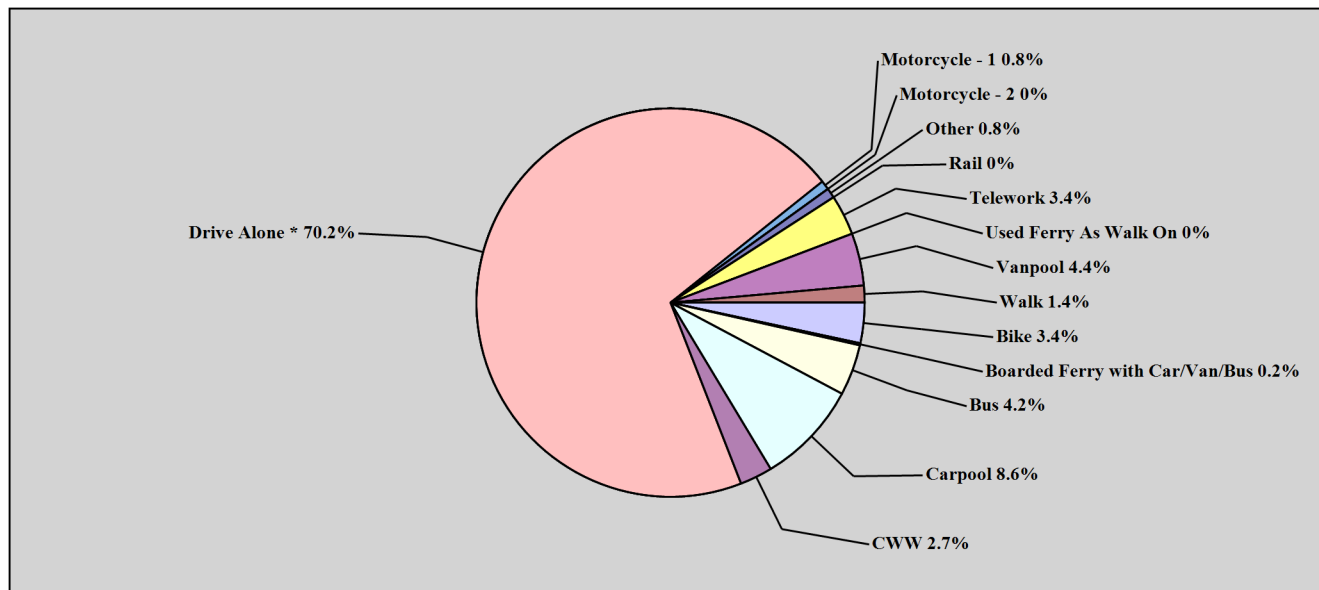
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 17.2 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



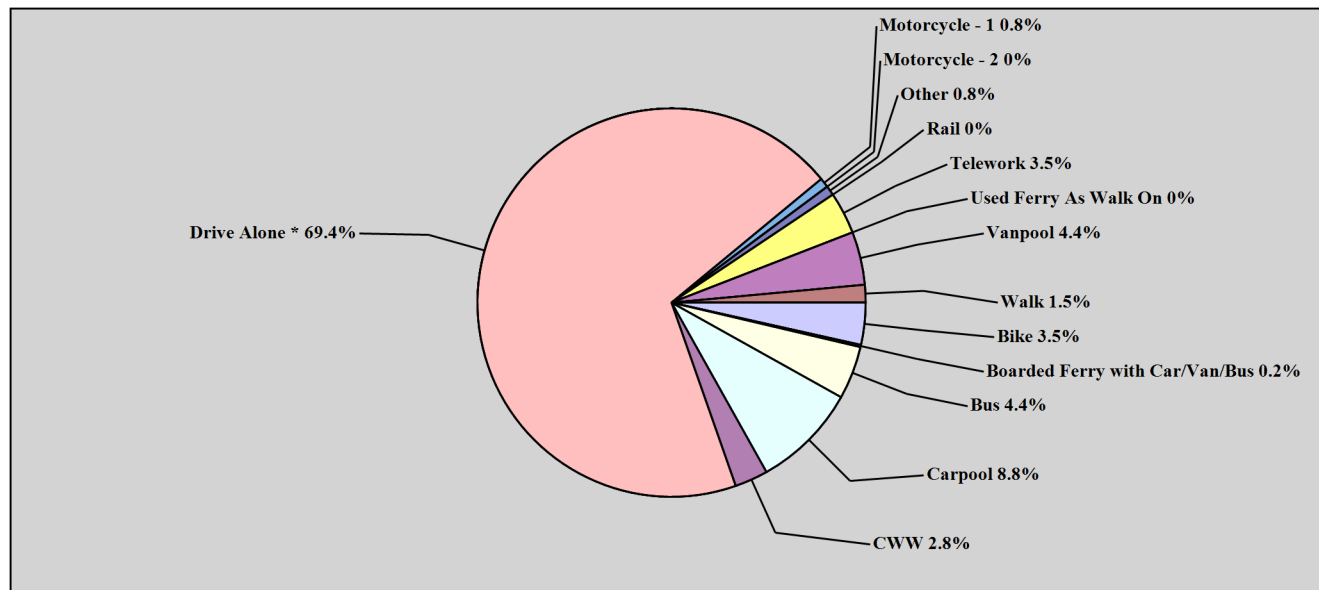
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,192	70.2%	68.3%	270	79.4%	78.8%
Carpool	146	8.6%	10.4%	40	11.8%	15.2%
Vanpool	74	4.4%	6.1%	18	5.3%	6.7%
Motorcycle - 1	13	0.8%	0.6%	5	1.5%	1.2%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.6%
Bus	72	4.2%	6.1%	23	6.8%	7.9%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	57	3.4%	2.1%	19	5.6%	3.6%
Walk	24	1.4%	1.4%	6	1.8%	1.8%
Telework	57	3.4%	2.9%	49	14.4%	12.1%
CWW	46	2.7%	1.6%	43	12.6%	7.9%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	14	0.8%	0.3%	6	1.8%	1.2%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,131	69.4%	67.9%	256	78.5%	78.4%
Carpool	143	8.8%	10.6%	39	12.0%	15.4%
Vanpool	72	4.4%	6.3%	17	5.2%	6.8%
Motorcycle - 1	13	0.8%	0.6%	5	1.5%	1.2%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.6%
Bus	72	4.4%	6.3%	23	7.1%	8.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	57	3.5%	2.2%	19	5.8%	3.7%
Walk	24	1.5%	1.4%	6	1.8%	1.9%
Telework	57	3.5%	2.8%	49	15.0%	11.7%
CWW	45	2.8%	1.7%	42	12.9%	8.0%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	13	0.8%	0.3%	5	1.5%	1.2%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	175	51%	340	100%
1 Days	58	17%	165	49%
2 Days	14	4%	107	31%
3 Days	17	5%	93	27%
4 Days	25	7%	76	22%
5 Days	50	15%	51	15%
6 or More Days	1	0%	1	0%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	111	52.9%	40	19%	9	4.3%	19	9%	0	0%	8	3.8%	12	5.7%	1	0.5%	54	25.7%
4 days a week (4/10s)	1	4.2%	15	62.5%	2	8.3%	1	4.2%	0	0%	0	0%	2	8.3%	0	0%	8	33.3%
3 days a week	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	37	35.2%	34	32.4%	3	2.9%	10	9.5%	0	0%	9	8.6%	3	2.9%	1	1%	31	29.5%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

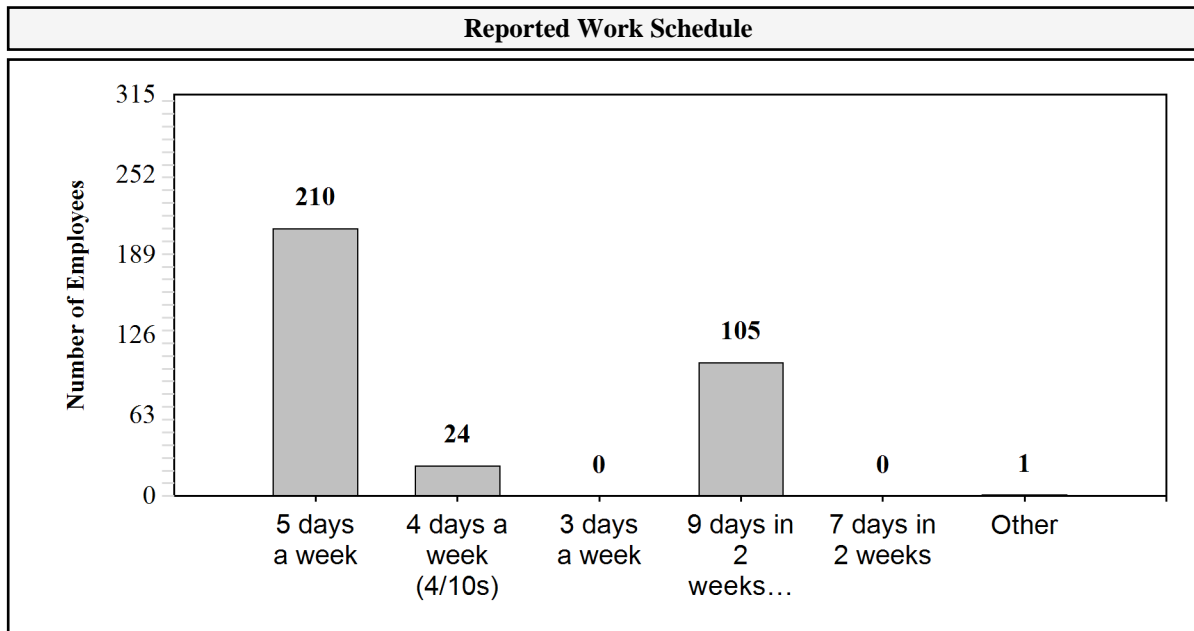
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	13
2	Motorcycle	0
2	Carpool	121
3	Carpool	24
4	Carpool	0
5	Carpool	1
>5	Carpool	0
<5	Vanpool	11
5	Vanpool	19
6	Vanpool	18
7	Vanpool	4
8	Vanpool	4
9	Vanpool	14
10	Vanpool	0
11	Vanpool	0
12	Vanpool	4
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

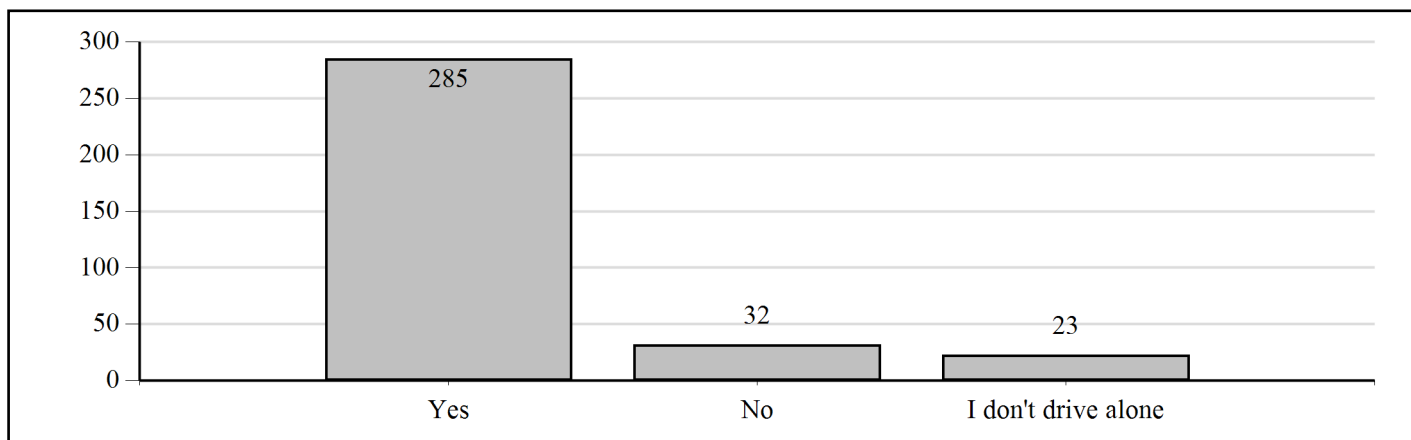
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	210	61.8%
4 days a week (4/10s)	24	7.1%
3 days a week	0	0%
9 days in 2 weeks (9/80)	105	30.9%
7 days in 2 weeks	0	0%
Other	1	0.3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	174	51.2%
Occasionally, on an as-needed basis	106	31.2%
1-2 days/month	18	5.3%
1 day/week	33	9.7%
2 days/week	8	2.4%
3 days/week	1	0.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	98	16.8%
I have the option of teleworking	89	15.2%
Personal health or well-being	67	11.5%
Free or subsidized bus, train, vanpool pass or fare benefit	58	9.9%
Cost of parking or lack of parking	58	9.9%
Environmental and community benefits	53	9.1%
Other	51	8.7%
Financial incentives for carpooling, bicycling or walking.	33	5.6%
Driving myself is not an option	26	4.4%
Emergency ride home is provided	18	3.1%
Preferred/reserved carpool/vanpool parking is provided	17	2.9%
To save time using the HOV lane	11	1.9%
I receive a financial incentive for giving up my parking space	6	1.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	208	25.8%
Riding the bus or train is inconvenient or takes too long	199	24.7%
Family care or similar obligations	144	17.9%
Other	101	12.5%
My commute distance is too short	82	10.2%
Bicycling or walking isn't safe	28	3.5%
My job requires me to use my car for work	22	2.7%
I need more information on alternative modes	21	2.6%
There isn't any secure or covered bicycle parking	0	0.0%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	7	0	1	0	2	0	1	2
2	2	0	7	2	0	0	0	0	0	0
3	3	0	7	0	0	0	0	0	0	0
4	1	0	1	0	0	0	1	0	0	1
5	0	0	5	0	0	1	1	0	0	1
6	0	0	4	0	0	0	2	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	4	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	5	0	0	1	0	0	0	1
11 or more	0	0	1	0	0	0	0	0	0	0
# Of Employees using Transit	8	0	41	2	1	2	6	0	1	5
Total One-Way Transit Trips Per Week	19	0	192	4	1	15	23	0	1	21

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	7	0	1	0	2	0	1	2
2	2	0	7	2	0	0	0	0	0	0
3	3	0	7	0	0	0	0	0	0	0
4	1	0	1	0	0	0	1	0	0	1
5	0	0	5	0	0	1	1	0	0	1
6	0	0	4	0	0	0	2	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	4	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	5	0	0	1	0	0	0	1
11 or more	0	0	1	0	0	0	0	0	0	0
# Of Employees using Transit	8	0	41	2	1	2	6	0	1	5
Total One-Way Transit Trips Per Week	19	0	192	4	1	15	23	0	1	21

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	2	0.59%	10	0	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.29%	1	0	3	0	0	0	0	0	1	0	0	0	0
98012	1	0.29%	0	3	0	0	0	0	0	0	1	1	0	0	0
98021	1	0.29%	0	0	4	0	0	0	0	0	0	0	0	0	0
98022	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.29%	4	0	0	0	0	0	0	0	0	1	0	0	0
98057	1	0.29%	0	0	4	0	0	0	0	0	1	0	0	0	0
98102	1	0.29%	0	2	0	0	0	0	0	0	2	0	0	0	0
98116	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.29%	0	0	5	0	0	0	0	0	0	0	0	0	0
98198	1	0.29%	0	0	0	0	0	0	5	0	0	0	0	0	0
98203	2	0.59%	2	4	0	0	0	0	0	0	2	2	0	0	0
98264	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
98303	1	0.29%	0	0	0	0	0	0	0	0	1	0	3	0	0
98321	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98328	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98335	1	0.29%	0	0	4	0	0	0	0	0	0	1	0	0	0
98338	2	0.59%	5	0	0	0	5	0	0	0	0	0	0	0	0
98344	1	0.29%	1	0	4	0	0	0	0	0	0	0	0	0	0
98360	1	0.29%	0	0	5	0	0	0	0	0	0	0	0	0	0
98366	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98372	1	0.29%	0	0	4	0	0	0	0	0	0	1	0	0	0
98373	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98374	3	0.88%	8	4	0	1	0	0	0	0	1	0	0	0	0
98375	2	0.59%	8	0	0	0	0	0	0	0	2	0	0	0	0
98387	2	0.59%	5	0	5	0	0	0	0	0	0	0	0	0	0



98388	2	0.59%	4	4	0	0	0	0	0	0	1	1	0	0	0
98390	1	0.29%	2	0	0	0	3	0	0	0	0	0	0	0	0
98391	1	0.29%	4	0	0	0	0	0	0	0	1	0	0	0	0
98404	2	0.59%	5	0	0	0	5	0	0	0	0	0	0	0	0
98405	2	0.59%	3	0	0	0	5	0	0	0	1	0	0	0	0
98406	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
98407	2	0.59%	6	1	3	0	0	0	0	0	0	0	0	0	0
98408	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
98409	3	0.88%	10	0	0	0	4	0	0	0	0	1	0	0	0
98422	3	0.88%	10	0	5	0	0	0	0	0	0	0	0	0	0
98443	1	0.29%	4	0	0	0	0	0	0	0	0	1	0	0	0
98444	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	1
98445	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98446	1	0.29%	0	0	0	0	5	0	0	0	0	0	0	0	0
98466	4	1.18%	14	0	4	0	0	0	0	0	1	1	0	0	0
98467	4	1.18%	16	0	0	0	1	0	0	0	2	1	0	0	0
98498	8	2.35%	22	0	0	0	13	0	0	0	1	2	0	0	0
98501	63	18.53%	222	12	0	0	8	0	23	20	7	6	0	0	0
98502	29	8.53%	100	14	0	3	0	0	11	4	1	3	0	0	1
98503	27	7.94%	76	16	0	0	15	0	12	0	4	3	0	0	4
98504	1	0.29%	2	0	0	0	3	0	0	0	0	0	0	0	0
98506	20	5.88%	68	20	0	0	1	0	3	0	1	3	0	0	6
98512	32	9.41%	136	4	0	2	0	0	0	0	5	6	0	0	0
98513	28	8.24%	94	23	0	3	4	0	0	0	6	4	0	0	0
98516	16	4.71%	75	0	0	0	0	0	3	0	0	1	0	0	0
98531	6	1.76%	14	0	14	0	0	0	0	0	2	0	0	0	0
98532	6	1.76%	14	2	8	0	0	0	0	0	2	2	0	0	0
98540	1	0.29%	0	5	0	0	0	0	0	0	0	0	0	0	0
98541	4	1.18%	16	0	2	0	0	0	0	0	1	1	0	0	0
98550	1	0.29%	0	0	0	4	0	0	0	0	1	0	0	0	0
98556	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98557	3	0.88%	5	10	0	0	0	0	0	0	0	0	0	0	0
98576	3	0.88%	8	0	0	0	0	0	0	0	0	1	0	0	2
98579	3	0.88%	5	9	0	0	0	0	0	0	0	0	0	0	0
98580	1	0.29%	4	0	0	0	0	0	0	0	0	1	0	0	0
98584	11	3.24%	33	11	0	0	0	0	0	0	5	0	0	0	0
98589	9	2.65%	42	0	0	0	0	0	0	0	1	2	0	0	0



98596	1	0.29%	2	2	0	0	0	0	0	0	1	0	0	0	0
98597	2	0.59%	8	0	0	0	0	0	0	0	1	0	0	0	0
98674	1	0.29%	4	0	0	0	0	0	0	0	1	0	0	0	0